

Minutes: Metering Systems and Meter Reading Subcommittee Meeting

**Wednesday, September 27, 2000, 9:00 a.m.
Arizona Hall of Fame - 1101 W. Washington, Phoenix, Arizona 85007**

	Topic	Lead	Outcome	Att.
1	Welcome, introductions, sign-in	June Greenrock	Because Stacy Aguayo was unable to be attend, Ms. Greenrock chaired this meeting. Ms. Greenrock welcomed participants to the Metering Systems and Meter Reading Subcommittee meeting. A sign-in sheet was circulated. Participants are listed in Attachment 1.	1
2	Approval of minutes from September 13, 2000, meeting	June Greenrock	The minutes from the September 13, 2000, subcommittee meeting were reviewed and approved with no changes.	
3	Discussion of issues related to the use of external recorders	June Greenrock	The subcommittee discussed issues related to the use of external recorders. Salt River Project (SRP) stated that external devices can be used. APS Energy Services provided a handout concerning cellular phone burden and concluded that cell phones present no burden. Tucson Electric Power (TEP) provided a handout concerning the effect of burden on voltage transformer accuracy and concluded that all hook-ups of external devices should be hooked to a phase not being used for powering up the meter. Arizona Public Service (APS) will present its position at the next subcommittee meeting.	
4	Discussion of issues related to when the meter is out of the socket (Issue 35)	June Greenrock	<p>The subcommittee discussed issues related to when the meter is out of the socket (Issue 35). TEP provided a handout describing its old and new positions on Issue 35. TEP's new position is, "TEP is requiring that if any meter is out of the socket more than 15 minutes the MSP will clock the disk and calculate the current kW or equivalent (displayed instantaneous kW on meter) and indicate it on the MIRN. This only has to be done after the new meter is installed. TEP will use that figure across the entire time period the meter was out of the socket." TEP stated that its position would apply to all load levels, not just 200 kW and above. SRP and APS agreed with TEP's new position. A question to be answered is: What if the information is not on the MIRN? This question is an action item for each UDC to find out what they would do.</p> <p>The subcommittee discussed the question of what if, during a meter switch, the new provider cannot get the new meter to work and needs to put the UDC's meter back in. What about the revenue loss during maybe a couple of hours while the meter was out of the socket? C3 Communications stated that this situation is more common than one would think. The subcommittee discussed using the MADEN form to notify the UDC within 24 hours that the meter switch did not occur. This question is an action item for the UDC group.</p>	
5	Discussion of Equipment Purchase Authorization (EPA) form	Jenine Schenk	Ms. Schenk provided a handout containing the UDC proposal on the Equipment Purchase Authorization (EPA) form. The UDC proposal when a customer goes from bundled service to direct access is: "If applicable, the EPA is sent with the EMI. The submitted MDCR identifies pending ownership/intent to purchase. The EPA form must be returned within 5 working days of the exchange. The assumption is the ESP will receive the MIRN the same time that the UDC receives the form. Since the MIRN is required within 3 working days of the exchange, the ESP has 2 additional working days to confirm equipment ownership and submit the signed EPA via fax or mail. Note: The UDCs may add additional language to Service Agreements, Tariffs, Protocols or Articles to protect the UDC during the time the exchange is complete and the actual signed EPA is received by the UDC."	

	<i>Topic</i>	<i>Lead</i>	<i>Outcome</i>	<i>Att.</i>
			<p>A problem is that load-serving ESPs do not see the Meter Data Communication Request (MDCR). This is an action item for the UDC group to relook at the issue.</p> <p>A question arose about when a customer goes from direct access to bundled service and the UDC goes out to make the switch and the equipment that the UDC does not own is damaged. This is an action item for the UDC group to relook at the issue.</p> <p>APS provided a handout including a recommendation that each UDC should draft its own language in the disclaimer portion of the EPA form. This is an action item for the UDC group to revise the process. This is also an action item for each UDC to obtain individual disclaimer language from their attorneys.</p>	
6	Review of draft UDC business rule comparison for direct access to bundled service	Jenine Schenk	<p>The subcommittee reviewed and revised the draft "Status of Proposed Arizona Best Practice" which is the UDC business rule comparison for customers going from bundled service to direct access and for customers returning from direct access to bundled service, with meter exchanges required. A red-lined version of the document is in a separate electronic file attached to these minutes.</p> <p>Participants need to review the document, verify the information contained, and fill in the blanks. Please send all changes to Stacy Aguayo at Stacy.Aguayo@aps.com by Friday, October 6, 2000.</p> <p>The subcommittee decided to refer the following issue from p. 18 to the VEE subcommittee: "What is the process to ensure that all meter data is in before the account goes back to bundled service?"</p> <p>As an action item, the UDC group and the ESP group are to develop their positions on the following issue from p. 20: "What is the UDC's timeline, (minimum and maximum) for exchanging meters?"</p> <p>The subcommittee discussed the issue of whether a Standard Offer customer can own a meter. A meter credit on Standard Offer tariffs would be needed if tariffs are not unbundled. Some utility tariffs or protocols prohibit this. California allows it; ESPs can sell meters to customers to avoid long delays in returning customers to Standard Offer. Staff will look into the issue.</p> <p>As an action item, the ESP group will develop positions on 1) Key Process Issues from p. 30 and 2) removal of non-UDC owned external devices from p. 35.</p>	
7	Identification of items to refer to the Policy group	June Greenrock	No items need to be referred to the Policy group at this time.	
8	Set agenda for next meeting	June Greenrock	The subcommittee set the agenda for the next meeting.	
9	Adjourn Meeting	June Greenrock	The meeting was adjourned.	

Attachment 1 - Metering Systems and Meter Reading Subcommittee

PARTICIPANTS AT SEPTEMBER 27, 2000
METERING SYSTEMS AND METER READING SUBCOMMITTEE MEETING

Name	Organization
Debbie Brown	Salt River Project
Tony Gillooly	Tucson Electric Power Company
David Gonzales	C3 Communications
June Greenrock	Salt River Project
Ken Grove	APS Energy Services
John Kassel	C3 Communications
Barbara Keene	Arizona Corporation Commission Staff
Rick Molina	Tucson Electric Power
Janie Mollon	New West Energy
Larry Nuszloch	Salt River Project
Darrel Pichoff	KR Saline and Associates, PLC
Jenine Schenk	Arizona Public Service Company
Sherri Slagowski	C3 Communications
Eugene Slechta	Salt River Project
Al Smith	Sulphur Springs Valley Electric Cooperative
Paul Taylor	R.W. Beck
John Wallace	Grand Canyon State Electric Coop Association

Agenda: Metering Systems and Meter Reading Subcommittee Meeting

**Wednesday, October 11, 2000, 9:00 a.m. - 2:00 p.m.
Salt River Project, Mohave Room, West Project Admin Building, 1521 N. Project Dr., Tempe**

<i>Topic</i>	<i>Lead</i>	<i>Anticipated Outcome</i>	<i>Att.</i>
1 Welcome, introductions, sign-in, and approval of minutes	Stacy Aguayo	Ms. Aguayo will welcome participants to the Metering Systems and Meter Reading Subcommittee meeting. A sign-in sheet will be circulated. Participants will introduce themselves. Minutes from the September 27, 2000, meeting will be approved.	
2 Discuss issues related to the use of external recorders	Stacy Aguayo	The subcommittee will discuss the use of external recorders. Arizona Public Service will present its position.	
3 Discussion of issues related to when the meter is out of the socket (Issue 35)	Stacy Aguayo	The subcommittee will discuss issues related to Issue 35. The UDC group will report on the question of what if, during a meter switch, the new provider cannot get the new meter to work and needs to put the UDC's meter back in. Each UDC will report on what they would do if the information is not on the MIRN.	
4 Discussion of Equipment Purchase Authorization (EPA) form	Stacy Aguayo	<p>The subcommittee will discuss the EPA form. The UDC group will present its position in light of load-serving ESPs not seeing the Meter Data Communication Request (MDCR). The UDC group will address the question of when a customer goes from direct access to bundled service and the UDC goes out to make the switch and the equipment that the UDC does not own is damaged.</p> <p>The UDC group will present a revised process.</p> <p>Individual UDCs will report on the status of their disclaimer language.</p>	
5 Review of draft UDC business rule comparison for direct access to bundled service	Stacy Aguayo	The subcommittee will review and revise the draft "Status of Proposed Arizona Best Practice" which is the UDC business rule comparison for customers going from bundled service to direct access and for customers returning from direct access to bundled service, with meter exchanges required. The UDC group and the ESP group will present their positions on the following issue from p. 20: "What is the UDC's timeline, (minimum and maximum) for exchanging meters?" The ESP group will present its positions on 1) Key Process Issues from p. 30 and 2) removal of non-UDC owned external devices from p. 35.	
6 Identify items to refer to the Policy group	Stacy Aguayo	The subcommittee will identify items to refer to the Policy group.	
7 Review of Metering Issues List	Stacy Aguayo	The subcommittee will review the Metering Issues List.	
8 Items for next meeting agenda	Stacy Aguayo	The agenda for the next meeting will be developed.	
9 Meeting Evaluation	Stacy Aguayo	The group will provide feedback.	
10 Adjourn Meeting	Stacy Aguayo	The meeting will be adjourned.	